

ACYLATED BETULIN AND DIHYDROBETULIN DERIVATIVES,
PREPARATION THEREOF AND USE THEREOF

ABSTRACT

Betulin and dihydrobetulin acyl derivatives according to the present invention have been found to have potent anti-HIV activity. The compounds of the present invention have Formula I as described herein, or pharmaceutically acceptable salts thereof; wherein R₁ is a C₂-C₂₀ substituted or unsubstituted carboxyacyl, R₂ is hydrogen, chloro, bromo, or hydroxy, R₄ is hydrogen or C(C₆H₅)₃; wherein the dashed line represents an optional double bond between C20 and C29.